



06 Nov 1922

## The Missouri Miner, November 06, 1922

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Dr. Fulton

# THE MISSOURI MINER.

Missouri School of Mines and Metallurgy, Rolla, Missouri.

Volume 9, No. 10.

November 6, 1922.

Price, 8 Cents.

## ST. LOUIS U. 14; MINERS 7.

### ARMISTICE DAY CELEBRATION.

The ex-service and R. O. T. C. men will assemble at 9 A. M., on Nov. 11, in front of Parker Hall, for the purpose of forming a battalion to parade through the streets of Rolla.

After the parade a battalion review will be held on Jackling Field.

It has also been planned to have a competitive drill between the ex-service men and the R. O. T. C. men, but the time at which it is to be held, and other details, have not as yet been decided upon.

Watch the bulletin boards for further information.

### VOCATE SMOKER.

A hearty and cordial invitation is extended to the Faculty and the entire student body to attend the Smoker which is to be given by the Vocate Class at Jackling Gymnasium on November 11th, at 9 P. M.

A number of features are being arranged for your entertainment—a few athletic contests, intermingled with bursts of hump'd cadenza of the nature that should appeal to even the most scrupulous of the cognoscenti, and finally, an illustrated problem in Simple Harmonic Motion.

Your Athletic Association Card will admit you. Get one. Be there.

### VOCATIONAL CLASS.

F. C. Schneeberger, President.

### ATHLETIC TICKET.

The Board of Control has ruled that, WITHOUT EXCEPTION, admission hereafter to all our games will be by presentation of YOUR Athletic Ticket, or the payment of the price of admission.

This ruling is to protect the interest of the Association, as tickets issued have been transferred to other parties, not always students, to use for admission to contests, thereby depriving the Association of justified receipts at the gate.

Have your ticket ready at all future games.

Our slogan: "We're here to stay." M. S. M. Booster Club.

### PROF. STOEK, OF U. OF I., LECTURES ON STORAGE OF COAL.

Meeting Held Under Auspices of Missouri Mining and Metallurgical Association.

At eleven o'clock Wednesday Prof. Stoek, of the Mining Department of the University of Illinois, gave an informal lecture to the Juniors and Seniors, and not a few others in the Mining Lecture Room. Prof. Stoek had just "dropped in" to pay a visit to M. S. M., and had no sooner gotten off the train than the Mining and Met. Association heard of it, and secured his services for the first technical meeting of the year.

Prof. Stoek talked on "The Storage of Coal," and in the course of an hour reviewed hastily and yet completely the facts about the storing of coal. First of all, he took up the reason for doing so: a matter of insurance. It is first of all, insurance to the public that their utilities and basic industries will not be closed down in the event of a coal strike. Second, it is insurance to those companies and to the mines of steady work. This latter applies particularly to the mines, since they are hurt materially by the unbalanced overhead expense occurring on idle days, and the men are handicapped by working only part time. Third, it is insurance to the railroad companies against having their peak load in coal distribution come in the fall, just when farm crops are to be transported, since if coal is stored in any considerable quantity, such storing must take place during the summer. The summer transportation of coal would relieve the railroads of the necessity of keeping excess rolling stock on hand to care for their excessive work in the fall, as well as providing work for the miner during the summer when his work is now the slackest.

In regard to who should store coal, Prof. Stoek said that by all means the basic industries and public utilities should be provided with a reserve supply sufficient to last them over any

### OFFICIAL'S DECISIONS

#### MYSTIFY GAME.

The Miners dropped a well-earned game to St. Louis University at Sportsman's Park, St. Louis, on November 4th. St. Louis' score came as the result of two touchdowns, each of which was given on a referee's decision, and caused wholesale criticism from the spectators.

The much boasted-of Billiken team presented only a slight obstacle for the Miner eleven, who outplayed them. With but one exception, and that in the completion of forward passes. During the early portion of the game the Billikens completed several nice passes for good gains, but as the play lengthened the Miners' secondary defense proved an efficient factor in blocking passes.

Early in the first quarter the St. Louisans found that their attempts to penetrate our lines were futile, and resorted to passing. Punting featured in this quarter, with Sargent kicking 40 to 50 yards repeatedly.

From their 30-yard line the Miners started down the field in the second quarter apparently for a touchdown. With but 15 yards to go for a counter Hasselman made 5 yards thru the St. Louis line, and Ledford attempted a line break. The Billiken line held, and Ledford was stopped for no gain.

The referee blew the whistle for the down, and Ledford stood up holding the ball, for the compact line had prevented him from being thrown to the ground. The players were incidentally motionless, waiting for the referee to take the ball and announce the down. Quirk, big right tackle for St. Louis, fairly jumped headlong at Ledford, knocking him backward for a few feet, and at the same time, with a sweeping motion of the hands, lifted the ball from our quarterback's arms. Bewildered and astonished Quirk arose with the practically stolen ball, hardly knowing what to do. Some of his teammates evidently suggested that he run, for his chubby legs soon began a mighty wobble in the direction of our goal line. Two of the Billiken

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## NOTICE

The Student Council on November 2 presented to the Faculty a recommendation that certain students be disciplined for drunkenness, conduct unbecoming to gentlemen, and actions prejudicial to the good name of the school. On November 3 the faculty adopted the recommendation of the Student Council exactly as presented, namely:

Two students have been suspended for the remainder of the term.

Five students have been placed on probation for the remainder of the term, and warned that a recurrence of their offense will be punished by suspension.

Two students have been reprimanded and warned that a recurrence of their offense will be punished by suspension.

The two latter penalties are considered merely as warnings to those involved, and to other students as well. Future cases of a similar nature will be punished by either suspension or expulsion.

H. H. ARMSBY,  
Student Advisor.

## NEW RULINGS OF THE FACULTY.

At the regular meeting of the Faculty last Friday some rulings of general interest were made.

## New Rule for Conflicts.

A penalty of one hour will be inflicted unless one of the courses is a course which is being repeated.

## Requirements for Graduation.

The requirements for graduation in all courses will be 172 credit hours, exclusive of military and gym. These 172 hours must be composed of required work, according to the catalogue, together with any electives to make the total.

## Changes in Schedule.

All changes in schedule must go thru the Student Advisor's office.

All classes will be suspended Saturday, Nov. 11.

## JUNIOR BENEFIT DANCE.

St. Pat's is drawing nearer and nearer as each succeeding week passes by, and realizing this the Junior Class has decided to give a benefit dance on Saturday night, November 18th. The James Millikan football team will in all probability, be present at this affair, so let's show them how we boost things along here at M. S. M. by attending this dance in numbers.

The admission charge will be one dollar, so get a date and be one of the boosters.

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## GLEE CLUB HOLDS MEETING.

## Plans for First Program Formulated.

The M. S. M. Glee Club held their first "get-together" meeting of the year at Professor Mann's house last Tuesday night. Many new members turned out, and, under the directorship of Doctor Tuerner, and through the kind hospitality of Professor and Mrs. Mann, a fine try-out resulted.

The Glee Club is putting forth every effort to work up a regular "knock 'em cold" minstrel show, full of pep and punch, by Christmas, and want all the support they can get in the way of new members and new ideas. So, if you can make any kind of a noise, pull off a stunt, know some good jokes, or are IN ANY WAY interested, be up at the Auditorium, Parker Hall, at 7:30 next Tuesday night. Anybody who can play a mandolin, banjo, or ukelele, is especially needed, so bring your instrument with you, and come along. Doctor Turner is the director, and he's one of the best. So let's get going all together, gang, as we've only about six weeks left.

### TRIALS FOR CAST OF "FAIR AND WARMER" TO BE HELD THIS WEEK.

Some time during the week trials for the cast of the play, "Fair and Warmer," to be given by the M. S. M. Players for the benefit of the Booster's Club, will be held. Any one who has had experience, or wishes to gain some in a theatrical line, is urged to be present. The time and place will be announced later.

## STUDENT ACCOUNTS

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## PROF. STOEK, OF U. OF I., LECTURES ON STORAGE OF COAL.

Continued from Page One

reasonable emergency, and that just as many more industries as can, should. He said that since the storing of coal involved considerable expense for first equipment that the consumers tried to force the miners to do the storing, but that the bulk of the reserve coal should be in the hands of the former, since there was the transportation question involved. The mines, he said, should be provided with storage facilities sufficient only to care for the fluctuation in the available supply of cars.

The storing of coal, according to Prof. Stoek, is entirely practicable. The plants that really should store coal are large enuf to stand the expense of a coal storing plant with its bridge, cranes, and hoists. The cost can be distributed over a considerable period of time. The deterioration in lost value due to weathering amounts to very little, about 5 per cent; which, when the great waste of heat occurring in every power plant is considered, is negligible. Common sense, care, and forethought will prevent serious fires from spontaneous combustion. The chief means of preventing this hoodoo is the spreading the coal in courses on the pile. Conical piling is sure to bring fires.

## DONATION FOR NEAR EAST RELIEF.

### One-Tenth of Receipts at Drury Game To Be Given.

Doctor Fuulton is the recipient of a telegram from Archibald Roosevelt, who has been appointed secretary of the Near East Relief by President Harding, in which he explains how the county is being organized in order to perform some work of mercy, and do everything possible to alleviate the suffering and distress which has developed in the Near East, culminating last month in the tragedy at Smyrna.

Therefore, the School of Mines Athletic Association has set Nov. 11th as the day on which they will follow the example set by another college, and contribute one-tenth of the total gate receipts to this worthy fund.

An admission fee of \$1.00 will be charged for this game, in order to swell our contribution. The game will be worth it. Help the NEAR EAST RELIEF. HELP THE MINERS WIN.

Our slogan: "We're here to stay." M. S. M. Booster Club.

## VOCATES.

The La Abri Club was the scene of one of the most delightful and peppy dances of the season last Friday evening. The house was appropriately decorated for the occasion by some real interior decorators, who have heretofore been unknown as artists along that line.

Co-ordinator Ragle wishes to confer with all collegiate Vocates who expect to finish their work towards a degree at the end of this semester.

Dale Crippen arrived Sunday from Hutchinson, Kansas, where he has been on the engineering staff of that city since his departure last spring.

"Joker" Clearman is in the hospital at St. Lou's. We hope to see him back again soon, fully recuperated from the ill health that has overtaken him recently. We also trust that some kind member of the feminine sex will take it upon herself to see that our popular classman will not suffer from melancholy while he is convalescing.

Max Bothwell had the peculiar misfortune of having a chicken bone lodge in his throat last week, and was sent to St. Louis to have it removed. Max said he came very near losing his voice, but is gradually regaining it. He said it was very inconvenient to remain on a liquid diet for nearly a week.

One: "I hear they've called off the circus for this afternoon."

Two: "You don't say! Why was that?"

One: "The cook left the coffee pot outside of his tent, and the elephant swallowed the grounds."

—Sun Dodger.

"Let's see, married men all have better halves, don't they?"

"Yes."

"Then what do bachelors have?"

"Better quarters."

—Royal Gaboon.

"It's all over now," said the co-ed as she finished powdering her face."

—Pelican.

"Say, there's a football player out here wants his picture taken."

"Full face?"

"No, half-back."

—Pelican.

## BACK TO THE MONKEY.

At the rate science is now going, in another year or so every old man will have his own glandfather.

—Malteaser.



## SPORTS

## ANNUAL FRAY WITH DRURY

NOVEMBER 11.

The annual game with the Panther eleven is scheduled on the Miner field November 11th. Last year the Miners easily defeated Drury by a 33 to 0 score. This year the Drury team has been strengthened, but with our team fighting as they did against St. Louis a victory is practically assured, but it needs some real pep from the student body to put the game over big. Action similar to that taken when the Aggies were here does a great deal to help a team fight. More of it should be encouraged, because the Miner pep is far below normal. If you have ideas on how to advance or develop pep, put them into use, and let's put the Drury game over big, for it is one game that we have to win.

## OFFICIAL'S DECISIONS

## MYSTIFY GAME.

Continued from Page One

eleven followed for his interference, with little opposition from the Miners, who believed that the referee's sense of honor would not allow such a play to go thru. There being two sides to every question, the referee took one, and ended the argument with the fatal word "No," awarding the verdict to St. Louis.

Schaffering drop-kicked for the additional point, and St. Louis had scored seven points.

The Miners kicked off to St. Louis, and held them on their 20-yard line, forcing the Billikens to punt. The Miners made first downs and a 10-yard gain on a running pass from Hasselman to Sargent was declared illegal and out of bounds, as the referee failed to see that Sargent had caught the pass before he stumbled and fell out of bounds. More punting followed, with Sargent getting the better of the duel, and the half ended with the ball slightly in Miner territory after we had held the St. Louisans for downs.

St. Louis received Parkhurst's kick-off, and were unable to gain. After a punt to midfield the Miners pulled a fake play, and Sargent gained 35 yards around left end. The Billikens were caught napping, and protested so violently that their fullback was sent from the field. Hasselman and Hoover gained, and Ledford went over for a touchdown. Parkhurst place-kicked for the additional point. The Miners again kicked off, and forced the Billikens to punt. Neither side gained ap-

preciably by line plunging, but Sargent's punts, coupled with some real tackling by the entire Miner eleven, the ball was put on the Billiken's 20-yard line at the end of the quarter.

McConachie made first downs, and the Miners held, forcing Hannegan to punt out of bounds on the Miner 10-yard line. Ledford failed to touch the ball, and a Billiken player, in an excited rush, kicked it some few yards. Ledford recovered, but a Miner was seen holding. The referee penalized the Miners, and gave the Billikens the ball on the 20-yard line. Three line bucks netted 15 yards. A St. Louis substitute was sent in, and before he reached the referee the Billikens put over a play, which resulted in a touchdown. Realizing that his position meant twelve men on the field at the time of play the quick-witted Billiken ran to the side line and began prancing up and down, as if warming up, preparatory to entering the game. Every one except the referee and umpire saw the action of the substitute. The referee refused to listen to any argument, and awarded the Billikens their second touchdown. Schaffering again drop-kicked for a point. The Miners were going good, and had made two first downs when the final whistle blew.

Even the St. Louis fans did not roar over their victory. Only a few of the greediest winners gloated over their triumph, while others acknowledged a tie of 7 to 7, and even others acknowledged a Miner victory. We could not say that the referee's decisions were the result of preferences, because each team objected strongly to his work, but we would suggest that several of his decisions were made largely thru ignorance of the game, or from the excitement of the contest.

Possibly the St. Louis newspaper headlines would best tell the convictions of those who saw and know the game. Some of these were as follows: "Two Tainted Scores Win For St. Louis." "Billikens Defeat Rolla Miners 14 to 7, With Disputes Over Each of Their Touchdowns." "Substitute Illegally on Field as Blue and White Plunge Over Line for Victory in Fourth Quarter," and "Decisions by Officials Cause Much Criticism, and Cut Big Figure in Outcome of a Mixed-up Contest."

After outplaying the Billikens and their highly touted team, it is rather discouraging to lose a game under such circumstances.

The Miner eleven as a whole played

real football. Every man did his full share, and no one could ask for a better exhibition. As an outstanding star, probably Jim Sargent played the most brilliant game. Zoller at center proved the usual stone wall on the defense, and he with the rest of the line, men put up a Gibraltar structure, which St. Louis was unable to penetrate. Hasselman and Hoover each made good gains, but Sargent's 35-yard run, and his long distanced punting made him the stellar performer.

The line-up:

Miners.	St. Louis U.
Sanders.....l. e.....	Roche
Parkhurst.....l. t.....	Schwartz
Gabler.....l. g.....	Thornton
Zoller (c.).....c.....	Boltz
Commack.....r. g.....	McCarthy
Arra.....r. t.....	McCarthy
Moodie.....r. e.....	Hannegan
Ledford.....q.....	Schaffering
Hoover.....l. h.....	O'Leary
Hasselman.....r. h.....	McConachie
Sargent.....f. b.....	Klausner

Referee: Dyer (Tulane); umpire, Tudor (Kansas); linesman: Fenenga (South Dakota). Substitutions—Miners: Groschan for Hasselman, Springer for Hoover. St. Louis: Kelly for Roche, Eggles for Schaffering, McKinzie for O'Leary, Kolkman for McCarthy, Roche for Kelly, Schaffering for Egger.

## SPORT TOPICS.

## Varsity Basketball.

Candidates for varsity basketball are requested to report November 15 for the first practice of the season. Captain McClelland and Kemper are the only letter men from last year who will answer the call for candidates. Signer, Bulger and Dorris were lost through graduation, and Parker failed to return to school this semester. It will be a huge task to fill the positions left open by the loss of these men, especially Signer, who was of all-State calibre, but in McClelland and Kemper, Dennie has two consistent players, about which to build a strong quintet. Every one who can play, or thinks he can play, should be out. Last year's reputation must be upheld.

## Inter-Class Track Meet.

The Inter-Class track meet also comes forth for its share of consideration. On December 9 the four classes of M. S. M. are expected to compete in an inter-class track meet. Varsity men will compete, but their placing will not count in the scoring.

## Cross-Country Run.

The date of the annual cross-country run, which is to be held this year at Central College at Fayette, has been advanced from November 24 to



## SECTION

November 18. Trials for places on the Miner team will be held November 11.

Last year in the meet which was held in Rolla, and which was run in a driving rain, the Miners defeated the Central Eagles in record time. Although the entries for this year are not definitely known, it is very probable that, besides the Miners and the Eagles, the following schools will enter teams: Springfield Normal, Westminster, Kirksville and Warrensburg. The length of the course is five miles, and each team is permitted to enter seven men, but only the first five men finishing will count in the scoring of points.

The Fayette Chamber of Commerce has donated a cup, to be given to the team winning first place, and also one to the team finishing second. Besides these two awards, individual prizes are to be given to the first six men finishing.

#### Inter-Club-Fraternity Basketball.

The captains of the different teams in the inter-club-fraternity basketball league met last Monday, and drew up a schedule for the coming tournament. There will be two games each afternoon the first one to start promptly at 4:15

P. M., and the second one at 5:15 P. M. The final game, which will decide the winner, will be played on December 16, at 8 P. M.

The following schedule was drawn up:

December 8: 4:15, Sigma Nu. vs. Pi K. A.; 5:15, Bonanza v. Independents.

December 11: 4:15, Vocates vs. Lambda Chi; 5:15, Kappa Alpha vs. Prospectors.

The winners of the Sigma Nu-Pi K. A. game will play the Grubstakers December 13, at 5:15, and the winner of this game will play on December 15, at 4:15, the winner of the Lambda Chi-Vocate game, to decide one of the contestants in the finals.

The winners of the Bonanza-Independent game will play the Kappa Sigma December 13, at 5:15, and the winner of this game will play the winner of the K. A.-Prospectors game on December 15, at 5:15, to decide the other contestant in the finals.

Our slogan: "We're here to stay." M. S. M. Booster Club.

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**THE MISSOURI MINER.**

A weekly paper published by the Students, in the interest of the Alumni, Students and Faculty of the Missouri School of Mines and Metallurgy, Rolla, Mo.

Entered as second class matter April 2, 1915, at the Post Office at Rolla, Missouri, under the Act of March 3, 1879.

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**Issued Every Monday.**

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**THE M. S. M. PLAYERS.**

On another page of the Miner appears a notice of the trials for the cast of the play which the M. S. M. Players intend to present some time in the near future. It is to be hoped that their request for new material receives a generous response, for several reasons.

First of all, the Players represent a very worthwhile organization. They do much toward breaking the routine of school life, and they break it in a way that is beneficial to themselves, as well as their audience. The quality of their work in the past needs no elaboration, for those at all acquainted with M. S. M. Any one who has seen any of their plays in the past should feel that M. S. M. has a distinct asset in the Players.

In the second place, the Players must have new material if they are to continue as an organization. This year many of their number graduate, and it is absolutely necessary that new members be trained so as to carry on the work. The older members can best put in their time doing such training, rather than in actually taking the parts.

Third, the organization is conducted upon fair and square principles. Places are obtained in open competition, contrary to some popular ideas about discrimination for or against certain individuals. A willingness to work, coupled with a little ability, is

all that is needed. Parts are given those who qualify for them, and membership is automatic upon successful work in two plays.

Once again let us say that we hope the Players are successful in obtaining their new material. They are deserving of YOUR support.

**CONFLICTS WITH MASS MEETING**

About ninety were present at the Mass Meeting called last Friday, for the purpose of giving the football team an appropriate send-off to the St. Louis U game. Those who investigated the matter report that the largest part of the absences were due to the fact that there were classes at that hour.

We are under the impression that the fourth hour on Friday morning is set aside solely for Mass Meeting, and that Mass Meetings in general, and the business that comes before them are of sufficient importance to warrant the holding of that hour open. Certainly the Mass Meeting of last Friday came in that class.

But how can the students get to Mass Meeting when they have classes at that hour? The student body has been criticised for its lack of spirit this year, and to a casual observer last Friday morning was an instance worthy of citation. But the fault was not, in that case, with the student body.

Athletics has necessarily, a hard row to hoe at M. S. M., because of the general characteristics of the school. But the situation could be helped out somewhat by the avoidance of such small turnouts for pep meetings. The Miner would like to suggest that when schedules are made out, there be no conflicts with Mass Meeting hour. This part the faculty can care for. When that is done the student body alone can be to blame for poor turnouts.

**A REPLY.**

Editor's Note:—The following letter purports to be an expression of the opinion of those who feel that the attack on the "Ice Wagon" was unjustified:

Dear Sirs:

While reading No. 9, of Vol. 9, of the Miner, my attention was directed to the editorial concerning "Ice Wagon," and the so-called "Funnel Gang." It was said that the Miner was sorry that it was necessary to mention the disgrace that such an incident inevitably casts upon the student body. After talking the matter over with a considerable portion of the student body, it seems that publication of the above article was very

unwise, to say the least.

In conclusion a most eloquent and stirring demand for justice was made, and an actuating motive of high devotion to M. S. M. proclaimed. Surely, then, the Miner's lofty position must withstand any attack. In the name of consistency, and of that stern justice so vehemently invoked by the sanctimonious Miner, this communication can hardly be suppressed.

Just how do you justify this "necessity?" Since the Faculty and the Student Council are the bodies concerned with judicial action in this affair, the Missouri Miner assumes an officious position quite foreign to its acknowledged function, the publication of material of interest to and beneficial to M. S. M. and her friends. The student body, whom the Miner is supposed to represent, has elected its Council to deliberate and take action on just such cases as this. Only in the event of complete failure of this Council to function could interference by the Miner be justified in any sense.

While criticising the actions which bring disgrace upon our school, the Miner deliberately publishes and broadcasts these "specific insults." It either unknowingly or unthinkingly presents this disgrace to many who were unaware of it. This editorial reached not only the student body, who were already aware of the incident, but also presented it to the Alumni and other friends of M. S. M., who have received an entirely false and exaggerated impression of conditions in this institution. What a pleasant effect this frantic appeal must have made on those Alumni who are wont to fondly recall the "good old days" at M. S. M.!

This editorial bears all the earmarks of professional reform, and of the absurd ravings of that same W. C. T. U. so utterly squelched in this same publication for that historic attack on the morals of Miner dances. One is reminded of the old Puritan garbed in solemn black, with high white collar, and broad rimmed hat, who conscientiously turns away from evil, glances at it from the corner of one eye, and looks straight ahead with the other.

"Let him who is without sin cast the first stone."

ONE OF THE GANG.

FOR REAL MEALS

EAT AT

**GEORGE CRAGLE'S**

ACROSS THE STREET FROM H.&S.



## ALUMNI NEWS

ALUMNI ASSOCIATION  
ANNIVERSARY.

This week the M. S. M. Alumni Association is one year old. Formed during the Fiftieth Anniversary Home Coming celebration it has steadily grown until at the present time it has 258 annual, and 13 life members. Too much credit cannot be given to the officers for this splendid showing. Prof. G. R. Dean, the secretary-treasurer, especially, has shown an untiring interest in finding alumni, and getting in touch with them. It is pleasing to note that renewals of annual membership are beginning, and are expected to continue, along with the steady increase of new members. Congratulations, therefore, to the officers and members of the Alumni Association for the success thus far obtained, and heartiest wishes for the future.

NEW MEMBERS M. S. M. ALUMNI  
ASSOCIATION.

The following have joined the Association recently: Claude Myers, President, Dodds Surveying Co., 717 1/2 Chestnut St., St. Louis; P. D. Windsor, '22, Illinois State Highway Commission, 121 North Horsman St., Rockford, Illinois; H. D. Scruby, '22, Assistant Metallurgist, Kennecott Copper Corp., Kennecott, Alaska; J. M. Forgotson, '22, Oil Fields Gas Company, Sinclair Bldg., Shreveport, La.; W. J. Nolte, the Palmer Trust, 1100 Merchants Bldg., Shreveport, La.; H. A. Ambler, '17, Superior Portland Cement Co., Concrete, Washington; J. C. Barton, '17, '20, treasurer and general manager, Griesemer Graphite Co., Ashland, Alabama; Rowe McCrae, '09, McGill, Nevada; R. B. Wills, '20, resident engineer, Garden City, Kansas; Charles L. Smith, '22, Illinois Highway Commission, Box 14, Anna, Illinois; B. S. Cornwell, '22, 111 North 7th St., St. Louis; H. W. Lohman, '04, '10, vice-president and treasurer, United States Zinc Smelting Corporation, 253 Broadway, New York City.

## J. P. GILL HONORED.

Messrs. Gill and Bowman have been awarded a medal for the second best paper presented before the annual meeting of the American Society for Steel Treating, held a year ago at Indianapolis, Ind. The paper was on the "Constitution of High Speed Tool Steel."

Mr. Gill will be remembered as "Jimmy" Gill, who graduated from M. S. M. in 1918, and received his Met. E. in 1919.

## RENEWAL OF MEMBERSHIP.

Renewals of membership in the Alumni Association are being received at the present time. Those who renewed their membership are: Carl Gettler, '20, 7023 Michigan Ave., St. Louis; Mrs. B. H. Rucker, Rolla; E. A. Williams, '20, St. Louis; R. F. Rucker, '06, Aluminum Ore Co., East St. Louis, Ill.; W. C. Powell, '21, president, Powell Lumber Co., Salem, Mo.

## ANOTHER EXPLANATION.

In order that there may be no misunderstanding, it is desired to point out that the Missouri School of Mines Boosters' Club is independent of the Missouri School of Mines Alumni Association in its activities and in its functioning.

The officers of the Alumni Association are endeavoring to lay the foundation for a permanent organization, and in so doing, feel they should work along conservative lines.

The officers of the Alumni Association feel very greatly encouraged over the showing to date, as there are now 265 members, with the number steadily increasing.

A. D. TERRELL,  
President M. S. M. Alumni Association.

## VELASCO-GONZALES.

Rafael E. Velasco and Senorita Maria Gonzales were married on the morning of October twenty-fourth at Templo de San Salvador, Matehuola, S. L. P., Mexico.

Velasco received his degree in April, 1920, leaving shortly thereafter for Mexico. He was a member of the Prospector's Club and I. K. K. while at M. S. M. The Miner joins with his many friends among the alumni, faculty and student body in extending congratulations.

'14 T. R. Goldsborough has entered the School of Law, Georgetown University, Washington, D. C.

'22 H. D. Scruby is assistant metallurgist for the Kennecott Copper Company, Kennecott, Alaska.

'20 A. V. Eulich, who has been employed since graduation by the Campanhia de Pesquisas Mineras de Angola at Loanda, Angola, Portuguese West Africa, is returning to the United States via Brussels, where he will render a report in conference with the company's officials. He expects to reach the United States by Thanksgiving, and intends making a visit to Rolla.

Ex-'24 M. H. McClellan is with the Bisbee-Naco Water Company, of Bisbee, Arizona.

'21 A. L. Cairns is in the assay office of the Butte and Superior Mining Company at Butte, Montana.

## ADDRESS UNKNOWN, INFORMATION WANTED.

Hall, W. S., B. S. '23.  
Hartzell, H. H., B. S. '06.  
Henderson, F. I., B. S. '22.  
Herdman, G. W., C. E. '94.  
Hunt, L. H., B. S. '05, E. M. '10.  
Johnson, R. W., B. S. '12.  
Kibe, H. C., B. S. '12.  
Koeberlin, F. R., B. S. '01.  
Laun, A. C., B. S. '21.  
Long, J. C., B. S. '07.  
McCoughran, J. E., B. S. '11.  
Martinez, C. E., B. S. '02.

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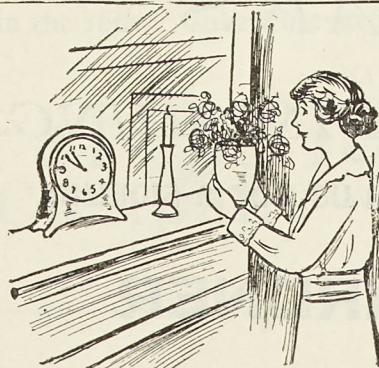
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## WHO'S WHO.

J. V. (Crime Wave) Terril has justly earned the honor which has been thrust upon him this week by having his name appear in this ever popular column. The main feature of which "Crime Wave" is more or less proud is the sleepy look he wears about his countenance, which he shows to miraculous advantage as he nonchalantly closes his tired eyes and screeches harmonious discord into the surrounding community when playing his violin as a member of the Sigma Nu "Bowery" orchestra. Besides this one advantage he lords over the rest of us unfortunate students, he has shown himself to be a real cowboy on occasions, and able to ride a balky mule, no matter in what condition he is. His associates also belong to the elite class, and help him spread crime wherever he goes. "Underworld" Valerius and "Look-out" Griffin have aided him materially on several occasions. The students should be justly proud to have such a noble character in their midst, and should they find need, at any time, "Sleepy John" he may be found playing marbles at Gus Goofs.

We notice that Prof. Bridges has set himself up as a Fire Marshal in Norwood Hall. Keep it up, Prof., it's good work, and we're for you, but we fear you will be a mighty busy man.

## PAGE SOLOMON.

Citizen (thunderously): "What are you doing over there?"

Neighbor: "Beating up my wife."

Citizen (excitedly): "May I come over and see how its' done?"

—Orange Owl.

## LAUGH AT THIS ONE.

Lo—I didn't understand that airplane joke. It went over my head.

Quacious—Well, let me tell you the one about the needle, and perhaps you will see the point.

—The Orphan.

THINGS ARE NOT ALWAYS  
WHAT THEY SEEM.

Attendant—Me man, don't you see that "no smoking" sign?

Me Man:—Well, I'm not smoking.

Attendant—But you have a pipe in your mouth.

Me Man:—Sure, and I've shoes on me feet, but I'm not walking.

—Yale Record.

"Did you notice that girl who just passed?"

"The one with the bright blue sweater, silk stockings with roses about three inches apart, sport shoes, bobbed hair and—?"

"Yes."

"Not particularly."

—Malteaser.

Young woman in music store: "Have you 'Kissed Me in the Moonlight?'"

Clerk: "Nope, I'm a new man here. Maybe it was the other fellow."

—Orange Owl.

"Marie certainly has a large vocabulary."

"Yes, I've told her she should take more exercise."

—Pelican.

Manager of Stock Company—to night you will play the part of a duke. Star—Then you must give me 20 cents for a shave.

Manager—On second thought you will play the part of a Bolshevik.

—Punch Bowl.

Shoe Clerk (to college man): Do you prefer long or short vamps.

College Man: Why, personally, I like the short blonde variety.

—Pelican.

Lady: Which end shall I get off at?"

Conductor: It's all the same to me, lady; both ends stop.

—Dirge.

## STUDENTS CAFE

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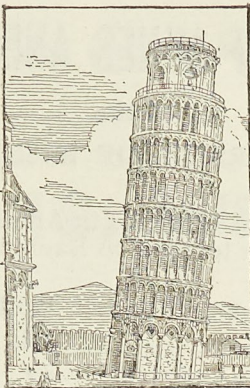
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A T O W E R

O F P I S A

# IPSE DIXIT *and* GALILEO

There was much learning but little real knowledge in Galileo's time (1564-1642). Aristotle was swallowed in bad Latin translations. Ipsi dixit. No one checked him by what seemed vulgar, coarse experiment.

Galileo fought against the dead hand of tradition. He did not argue about Aristotle, but put him to the test. Aristotle led his readers to believe that of two bodies the heavier will fall the faster. Galileo simply climbed to the top of the Leaning Tower of Pisa and dropped two unequal weights. The "best people" were horrified; they even refused to believe the result—that the weights reached the ground in equal times.


"Look at the world, and experiment, experiment," cried Galileo.

The biggest man in the 16th

century was not Galileo in popular estimation, but Suleiman the Magnificent, the Ottoman Emperor, who swept through Eastern Europe with fire and sword and almost captured Vienna. Where is his magnificence now?

Galileo gave us science—established the paramount right of experimental evidence. Suleiman did little to help the world.

Hardly an experiment is made in modern science, which does not apply Galileo's results. When, for instance, the physicists in the Research Laboratories of the General Electric Company study the motions of electrons in rarified atmospheres, or experiment to heighten the efficiency of generators and motors, they follow Galileo's example and substitute facts for beliefs.

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THE REGISTRAR, Rolla, Mo.

### THEY WENT.

He: "Darling, I've made up my mind to stay at home."

She: "Too late—I've made up my face to go out."

—Burr.

Polar: "They just arrested a girl for walking the street in a one-piece bathing suit."

Bear: "What did they do to her,"

Polar: "Nothing; the judge is holding her for further examination."

—Burr.

### New Quarters.

1: "Where did you sleep last night? I heard there wasn't a room to be had in town."

2: "Easy. I went to a public lecture on quadratic equations."

—Scalper.

Mayor—Why are you parking.

Callow Youth—There's a miss in the car.

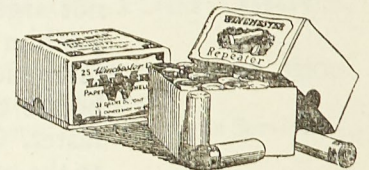
—Malteaser.

"Why is a co-ed like a lemon?"

"The more you squeeze her the mushier she gets."

—Orange Owl.

## Winchester Guns And Ammunition



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